

ABSTRACT

Disclosed herein is a two-piece solid golf ball
5 consisting of a solid core and a cover, the solid core being
formed from a rubber composition composed of a rubber base
material of polybutadiene synthesized by using a catalyst of
rare earth element, a small amount of organic peroxide, an
unsaturated carboxylic acid and/or a metal salt thereof, an
10 organic sulfur compound, and an inorganic filler, and the
cover being formed mainly from a mixture of an
ionomer-containing resin composition and an inorganic filler.
The two-piece solid golf ball is by far superior to
conventional ones in flying performance, cover durability,
15 scuff resistance, and shot feeling.